

What is claimed is:

1. An optical adaptor that is detachably installed at the tip of an endoscope insertion section having a light receiving section at the tip thereof, said optical adapter comprising;
5 an optical system which forms an image in said light receiving section; and
an information device containing at least one of information for identifying itself
and optical characteristic information.

2. An optical adaptor according to claim 1, wherein said information device is an
10 identification IC chip.

3. An endoscope device comprising;
an endoscope insertion section having a light receiving section at the tip thereof;
an optical adaptor that is detachably installed at the tip of said endoscope
15 insertion section, and having an optical system which forms an image in said light
receiving section, and an information device containing at least one of information for
identifying itself and optical characteristic information ; and
a reading section which is installed in the tip of said endoscope insertion section
and obtains said information.

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4. An endoscope device according to claim 3, wherein reading of said information
from said optical adaptor to said reading section is performed by wireless transmission.

5. An endoscope device according to claim 4, wherein
25 said optical adaptor comprises an identification IC chip,

said reading section comprises an antenna, and
reading of said information is performed by said wireless transmission between
said identification IC chip, and said antenna.

5 6. An endoscope device according to claim 3, wherein
said optical adaptor comprises a joining terminal,
said reading section comprises a joining terminal, and
reading of said information from said optical adaptor to said reading section is
performed via a connection between the joining terminal of said optical adaptor and the
10 joining terminal of said reading section.

7. An endoscope device according to claim 6, wherein
said optical adaptor comprises an identification IC chip, and
reading of said information is performed via said connection between a joining
15 terminal of said identification IC chip and the joining terminal of said reading section.

8. An endoscope device according to claim 3, wherein
said optical adaptor comprises a coil,
said reading section comprises a coil, and
20 reading of said information from said optical adaptor to said reading section is
performed by reading a resonance frequency between the coil of said optical adaptor and
the coil of said reading section.

9. An endoscope device according to claim 3, wherein
25 said optical adaptor comprises a resistor, and

reading of said information from said optical adaptor to said reading section is performed by reading electrical resistivity of said resistor.

10. An endoscope device according to claim 3, wherein

5 reading of said information from said optical adaptor to said reading section is performed by reading a concave or convex shape formed in said optical adaptor.

11. An endoscope device according to claim 3, wherein

said optical adaptor comprises a magnetic material, and

10 reading of said information from said optical adaptor to said reading section is performed by reading a flux level of said magnetic material.

12. An endoscope device according to claim 3, wherein

said optical adaptor comprises an information display section, and

15 reading of said information from said optical adaptor to said reading section is performed by reading information of said information display section.

13. An endoscope device comprising:

a main body;

20 an endoscope insertion section, which is connected to the main body and has a light receiving section at the tip thereof;

an optical adaptor that is detachably installed at the tip of said endoscope insertion section, and having an optical system which forms an image in the light receiving section, and an information device containing at least one of information for
25 identifying itself and optical characteristic information ; and

a reading section which is installed in said main body and obtains said information from said optical adaptor.

14. An endoscope device according to claim 13, wherein reading of said information from said optical adaptor to said reading section is performed by wireless transmission.

15. An endoscope device according to claim 14, wherein
said optical adaptor comprises an identification IC chip,
said reading section comprises an antenna, and
reading of said information is performed by said wireless transmission between
said identification IC chip, and said antenna.

16. An endoscope device according to claim 13, wherein
said optical adaptor comprises a joining terminal,
said reading section comprises a joining terminal, and
reading of said information from said optical adaptor to said reading section is
performed via a connection between the joining terminal of said optical adaptor and the
joining terminal of said reading section.

17. An endoscope device according to claim 16, wherein
said optical adaptor comprises an identification IC chip, and
reading of said information is performed via said connection between a joining
terminal of said identification IC chip and the joining terminal of said reading section.

18. An endoscope device according to claim 13, wherein

said optical adaptor comprises a coil,
said reading section comprises a coil, and
reading of said information from said optical adaptor to said reading section is
performed by reading a resonance frequency between the coil of said optical adaptor and
5 the coil of said reading section.

19. An endoscope device according to claim 13, wherein
said optical adaptor comprises a resistor, and
reading of said information from said optical adaptor to said reading section is
10 performed by reading electrical resistivity of said resistor.

20. An endoscope device according to claim 13, wherein
reading of said information from said optical adaptor to said reading section is
performed by reading a concave or convex shape formed in said optical adaptor.

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21. An endoscope device according to claim 13, wherein
said optical adaptor comprises a magnetic material, and
reading of said information from said optical adaptor to said reading section is
performed by reading a flux level of said magnetic material.

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22. An endoscope device according to claim 13, wherein
said optical adaptor comprises an information display section, and
reading of said information from said optical adaptor to said reading section is
performed by reading information of said information display section.

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